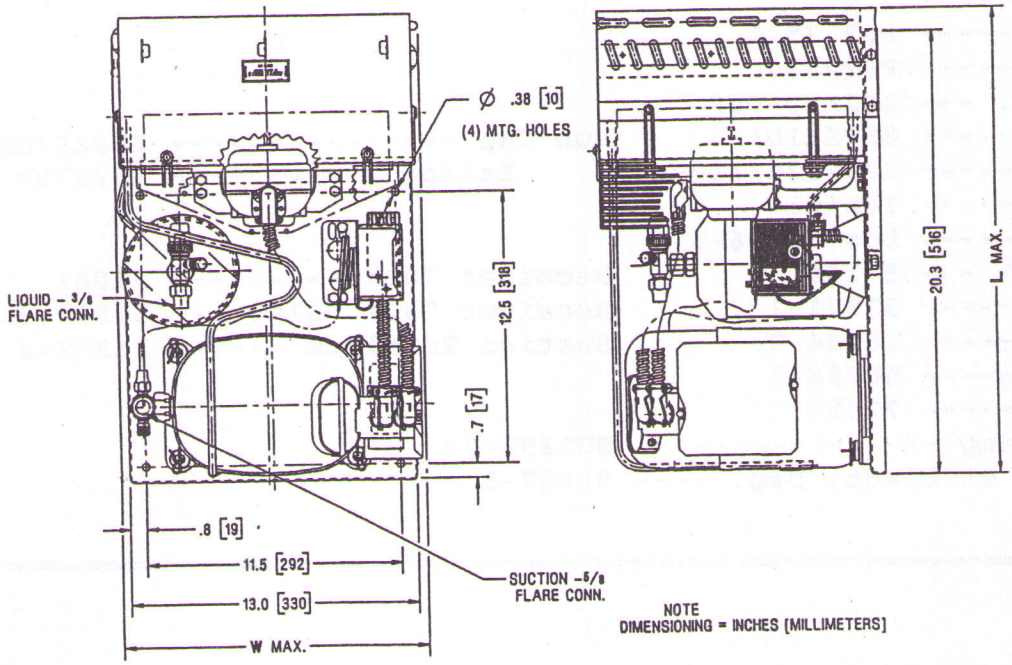
TECUMSEH HERMETIC CONDENSING UNITS

Date: April 1, 1997

MODEL AJA7465YXAXE (Formerly AJ7465YE) R-134a 3/4 HP AIR COOLED



Model	Dimensions				*Line Connection		Pumpdown 90 ° F 90% Full	Air CFM	Oil Chg oz.	Gr. Wt. Lbs.
	L	W	H	CH	Suct.	Liq.				
AJA7465YXAXE	21.4	13.9	12.9	12.0	5/8RF	3/8 F	6.4#	590	26	98

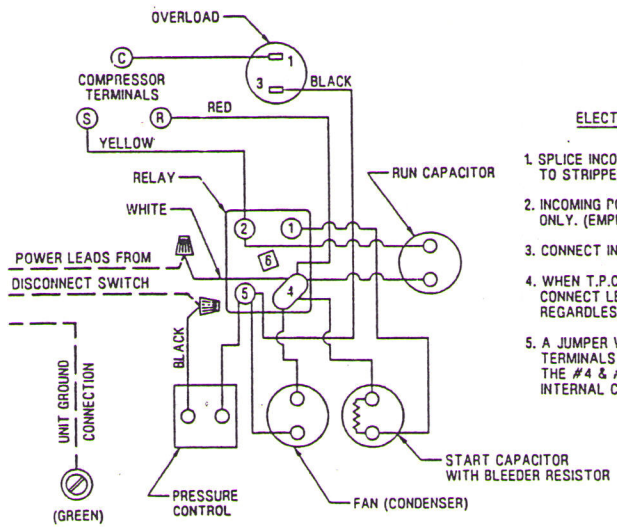
*F=Flare, S=Solder, RF or RS= Rotolock Valve with Flare or Solder Connections
Factory charge: 20 psig nitrogen - **MUST BE EVACUATED** **60 HZ Performance**

Approved Evap. Range		Ambient								
		90° F			100° F			110° F		
°F	PSIG	BTUH	Watts	Head	BTUH	Watts	Head	BTUH	Watts	Head
-10	2.0	2330	710	130	1920	680	140	1500	650	155
-5	4.1	2870	780	135	2410	770	150	2200	740	165
0	6.5	3450	870	140	2960	850	155	2500	830	170
5	9.1	4030	950	150	3510	940	165	3020	930	180
10	11.9	4650	1030	155	4100	1020	170	3590	1020	190
15	15.0	5290	1120	165	4700	1120	180	4140	1120	200
20	18.4	5920	1210	175	5320	1220	190	4730	1230	210
25	22.1	6600	1300	180	5970	1330	200	5330	1340	220
30	26.0	7270	1400	190	6600	1430	205	5950	1450	225

20 ° F return gas temp. max. Superheat above 20 ° F evap.,
40 ° F max. Below 20 ° F evap., 5 ° F subcooling

Date: 4-1-97

SPECIFICATIONS	AJA7465YXAXE		
Nominal Voltage	115-60-1		
Unit B/M	2B729-9		
Voltage Range	126.5 to 103.5		
Min. Circuit Ampacity	14.0		
Max. Fuse Size (Amps)	25		
Compressor Model	AJA7461YXA		
Bill of Material	AJ250AT-188		
RLA/LRA	10.1/68.0		
Fan RLA	1.40		
ESP Overload	P83735-1		
ESP Relay	P82957		
Int. Rel. Assy.	AE1170-009		
Start Cap	85PS110A15	Run Cap	85PR370E36
Rating	270-324/110V	Rating	15/370V
Fan Motor	TFM351		
Pressure Controls	Low 84026-5		
Fan Motor Brckt	57144	Receiver Tank	51081
Fan Blade	51541-1	Receiver Tank Valve	31547 (3/8"F)
Shroud	70724-2	Suction Rotolock	31552-2 (5/8"F)
Condenser	50798-2		
Fan Guard	71020		
Unit Drawing	SU1893-28		
Schematic or Elect. Dwg.	90657-3		



CHG.	PART NO.
K	90657-3

ELECTRICIAN FIELD WIRING AND INSTRUCTIONS

1. SPLICE INCOMING POWER LEADS, FROM DISCONNECT SWITCH, TO STRIPPED LEADS IN THIS ENCLOSURE.
2. INCOMING POWER LEADS MUST BE COPPER CONDUCTORS ONLY. (EMPLOYER DES CONDUCTEURS DE CUIVRE SEULEMENT.)
3. CONNECT INCOMING GROUND LEAD TO GREEN SCREW.
4. WHEN T.P.CO. APPROVED ALTERNATE RELAY IS USED, CONNECT LEADS TO SAME NUMBERED TERMINALS, REGARDLESS OF LOCATION.
5. A JUMPER WIRE MAY BE CONNECTED BETWEEN #4 & #6 TERMINALS TO DISTRIBUTE WIRES FOR EASE OF WIRING. THE #4 & #5 TERMINALS ARE WIRING TERMINALS WITH NO INTERNAL CONNECTIONS TO RELAY.

U.L. Listed -----(60 HZ only)----File #SA2372 ----------Card Guide #SGYU
CSA Certified ----------Canadian File #12964C ----------USA File #8873C